

10/15/92

**MATERIAL SAFETY DATA SHEET**

GEO Industries  
4700 Ross Street  
El Paso, TX 79936  
Regular Phone (915) 532-3110  
Emergency Telephone (303) 623-5617

HMIS  
HEALTH: 1  
FLAMMABILITY: 2  
REACTIVITY: 0  
PERS. PROT. EQUIP: A

NFPA 704

**I - PRODUCT IDENTIFICATION**

NUMBER: 331 NAME: Fibred Aluminum Roof Coating CLASS: Aluminum Asphalt Cutback

**II - HAZARDOUS INGREDIENTS**

| INGREDIENTS/CAS NUMBERS                          | Percent  | Occupational Exposure Limits |         | Vapor Pressure     |
|--|----------|------------------------------|---------|--------------------|
|  |          | TLV                          | PEL     |                    |
| PETROLEUM DISTILLATE<br>CAS #64742-47-8          | 15 - 20% | 500 PPM                      | 500 PPM | 5 MM @ 72 DEG. F.  |
| AROMATIC PETROLEUM DISTILLATE<br>CAS #04742-85-6 | 7 - 10%  | 100 PPM                      | 100 PPM | 37 MM @ 66 DEG. F. |

**III - PHYSICAL DATA**

BOILING RANGE: 310-400 Deg. F.  
VAPOR DENSITY: Heavier than air.  
EVAPORATION RATE: Slower than ether  
WEIGHT PER GALLON: Approx 11 lbs.  
% VOLATILE VOLUME: 35-45%  
% WATER VOLUME: 0%  
MAXIMUM V.O.C.: 500 grams per liter

**IV - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY CLASSIFICATION: - OSHA: 11  
DOT: Combustible.  
FLASH POINT: 110 Deg. F.  
LEL: 1%  
EXTINGUISHING MEDIA: Foam, CO<sub>2</sub>, Dry Chemical  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Water will spread fire.  
SPECIAL FIREFIGHTING PROCEDURES: None

**V - HEALTH HAZARD DATA**

EFFECTS OF OVEREXPOSURE: Headache, nausea, giddiness and loss of consciousness. Nose, throat and eye irritation. Extreme exposure may cause death by paralysis of respiratory center.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Current anemia, respiratory or liver ailments.  
PRIMARY ROUTE(S) OF ENTRY: Inhalation.

EMERGENCY AND FIRST AID PROCEDURES: Move person to fresh air. Apply artificial respiration if needed. Remove contaminated clothing. Wash eyes with water 15 minutes. If swallowed, DO NOT INDUCE VOMITING. CALL PHYSICIAN!!

COMMENTS: The IARC Monographs (Vol. 35) reporting on mice painting studies states that there is sufficient evidence for the carcinogenicity in experimental animals of extracts of some asphalts. The same document states that there is inadequate evidence that asphalts alone are carcinogenic to humans.

**VI - REACTIVITY DATA**

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION PRODUCTS: Smoke  
CONDITIONS TO AVOID: Heat and source of ignition.  
INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.

**VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Extinguish all sources of ignition in the area. Absorb spilled material with clay, diatomaceous earth or other non-flammable absorbent material. Let dry in safe place.  
WASTE DISPOSAL METHOD: Dispose as solid waste in accordance with local regulations.

**VIII - SAFE HANDLING AND USE INFORMATION**

RESPIRATORY PROTECTION: If TLV is exceeded use organic respirator or supplied air system, avoiding sources of ignition. Spray application releases particulate matter into the air. To prevent inhalation of same, use proper respirator device as recommended by equipment manufacturer.  
VENTILATION: Sufficient to keep vapors below TLV.  
PROTECTIVE GLOVES: Neoprene gloves to avoid repeated contact  
EYE PROTECTION: Safety goggles to protect from splashes.  
OTHER PROTECTIVE EQUIPMENT: None.  
HYGIENIC PRACTICES: Wash skin with soap and water or waterless. Do not use solvents.

**IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from sources of ignition.  
OTHER PRECAUTIONS: None

**X - TRANSPORTATION DATA**

D.O.T.: Regulated. SHIPPING NAME: Cement Roofing Liquid.  
HAZARD CLASS: Combustible. LABEL REQUIRED: None  
I.M.C.O.: UN(NA) NO.: 1999  
CLASS: 2 PAGE: 3126

7/30/97 10:06a

# GEO Industries - Material Safety Data Sheet

Manufactured by: GEO Industries - 4700 Rosa Street - El Paso, Texas 79905 - Phone (915) 532-3110 Fax (915) 532-3420  
HMS: Health - 1, Flammability - 2, Reactivity - 0, Personal Protection Equipment - A

## SECTION I - PRODUCT IDENTIFICATION

Product Name: **Flash Master (Non Asbestos)** Product No.: **905**

Preparation Date: April 8, 1992

## SECTION II - HAZARDOUS INGREDIENTS

Solvents: 10 - 15 Percent

## SECTION III - PHYSICAL DATA

Solubility: Insoluble Gravity: 9.04 lbs. per gallon % Volatile: 10 - 15 Percent

Appearance/Odor: Heavy paste, black in color. Hydrocarbon odor.

## SECTION IV - FIRE HAZARD DATA

Flash Point, Method used: 100°F., TDC Dot: Combustible Extinguishing Media: Foam or Dry Powder

## SECTION V - HEALTH HAZARD DATA

Eyes/Skin: Irritation will result Inhalation: Dizziness and Headaches

## EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush immediately with adequate amounts of water. CONSULT PHYSICIAN IMMEDIATELY.

Skin: Wash with waterless hand cleaner then with soap and water. Apply hand lotion. If irritation persists, CONSULT A PHYSICIAN.

Inhalation: Remove victim to open area with adequate ventilation. Administer Oxygen if it is available. If symptoms continue, CONSULT A PHYSICIAN IMMEDIATELY.

Ingestion: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

## SECTION VI - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur

## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

When clean up is required for cosmetic value, use Mineral Spirits, avoid sparks and open flame. Use with adequate ventilation. If a larger spill occurs, sand, dirt, etc., should be used to absorb liquid. Then shoveled into appropriate containers and disposed of properly. "See WASTE DISPOSAL METHOD below".

### WASTE DISPOSAL METHOD

Dispose in approved waste landfill in accordance with Local, State and Federal Regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION

If used where adequate ventilation exists, none. If vapor concentrations are high, wear NIOSH-Approved Respirator suitable for Hydrocarbon vapors.

### VENTILATION

Use Explosion-Proof Dilution type having a face velocity of 60 CFM to keep vapor concentrations below TLV and LEL.

### GLOVES

Use Hydrocarbon-Insoluble Rubber or Plastic.

### EYE PROTECTION

Chemical splash goggles, in compliance with OSHA Regulations, are advised. However, OSHA Regulations also permit other type of Safety Glasses. Consult your Safety Equipment Supplier.

## SECTION IX - SPECIAL PRECAUTIONS

**COMBUSTIBLE** - Keep away from excessive heat, sparks or open flame. Read label instructions and use under well ventilated conditions.

## DISCLAIMER OF LIABILITY

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